ABSTRACT:

The invention relates to a color cathode ray tube. The color cathode ray tube comprises a display screen, an electron gun for generating three electron beams, wherein the electron beams are directed towards the display screen. Also deflection means are present for generating a magnetic field in a first direction for deflecting the electron beams across the display screen. The electron gun comprises a centering cup having a first part provided with a central aperture and two outer apertures for passing the three electron beams, and a second part extending in the direction of the display screen. The centering cup of the electron gun is provided with two bridges creating the slits between the first part and the second part of the centering cup, such that a first line drawn between a first end of the first bridge and a first end of the second bridge intersects a second line drawn between a second end of the first bridge and a second end of the second bridge, and the bisectrix of the intersecting lines is substantially parallel to the first direction in order to reduce the eddy currents in the centering cup.

Fig 4C